Ser. No. 09/970,375
Response and Amendment "A" dated March 25, 2004
Reply to Office Action dated November 26, 2003

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (original)   A navigation system comprising:

end user electronic devices;

a customer-interface server; and

a navigation-services server,

wherein said end user electronic devices send requests for navigation services to said customer-interface server and receive responses to said requests from said customer-interface server;

wherein said customer-interface server includes programming that, upon receiving said requests from said end user electronic devices, transmits query messages over the Internet to said navigation-services server, wherein said query messages request navigation information for responding to said requests;

wherein said navigation-services server receives said query messages from said customer-interface server, and using navigation applications installed on said navigation-services server and a geographic database associated therewith, formulates language-independent reply messages to said query messages, and sends said language-independent reply messages to said customer-interface server; and

wherein said customer-interface server further includes programming that, upon receiving said language-independent reply messages from said navigation-services server, formulates said responses and sends said responses to said end user electronic devices.

2.   (original)   The navigation system of Claim 1 wherein said requests for navigation services from said end user electronic devices are sent to said customer-interface server over the Internet.

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3. (currently amended) The navigation system of Claim 1 wherein said language-independent ~~replay~~ reply messages are in XML format.

4. (original) The navigation system of Claim 1 wherein said customer-interface server uses XML stylesheets to formulate the responses that are sent to said end user electronic devices.

5. (original) The navigation system of Claim 1 wherein the responses that are sent to said end user electronic devices are in HTML format.

6. (original) The navigation system of Claim 5 wherein said customer-interface server uses an XML stylesheet to formulate the responses that are sent to said end user electronic devices into HTML format.

7. (original) A method for providing routing information using a navigation system, the method comprising:

on a customer-interface server, receiving a request over a data network from an end user for route guidance to a destination;

from the customer-interface server, sending a message over the data network to a navigation-related information server for maneuvering instructions;

on the navigation-related information server, after receiving the message from the customer-interface server, calculating a route to the destination and determining a series of maneuvers for traveling along a route to the destination;

on the navigation-related information server, forming a language- and format-independent data structure that represents the series of maneuvers;

from the navigation-related information server, sending the language- and format-independent data structure over the data network to the customer-interface server;

on the customer-interface server, using the language- and format-independent data structure received from the navigation-related information server to form language- and format-specific maneuvering instructions; and

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from the customer-interface server, providing the form language- and format-specific maneuvering instructions to the end user over the data network.

8. (original) The method of Claim 7 wherein the language- and format-specific maneuvering instructions are in HTML format.

9. (original) The method of Claim 7 wherein the language- and format-independent data structure is in XML format.

10. (original) The method of Claim 7 wherein the data network comprises the Internet.

11. (original) The method of Claim 7 wherein said customer-interface server uses an XML stylesheet to form the language- and format-specific maneuvering instructions.